Name: _____ Date: _____

Fractions as Division

Grade 5 | Interpreting a fraction as division and solving sharing problems | Version 1 of 10

A fraction is a division: 3 ÷ 4 = 3/4. When the top number is bigger, also write a mixed number: 7 ÷ 2 = 7/2 = 3 1/2.

Part A: Write each quotient as a fraction. Write a mixed number too if it is greater than 1.

1. 3 ÷ 5 = _____
2. 7 ÷ 3 = _____
3. 5 ÷ 6 = _____
4. 13 ÷ 6 = _____
5. 9 ÷ 7 = _____
6. 19 ÷ 3 = _____
7. 15 ÷ 8 = _____
8. 7 ÷ 9 = _____

Part B: Solve. Write the answer as a fraction or mixed number.

9. 4 friends share 1 pizza equally. How much does each get? _____
10. 8 families share 9 pies equally. How much does each get? _____
11. 3 hikers share 11 sandwiches equally. How much does each get? _____
12. 7 plants share 6 liters of water equally. How much does each get? _____

Fractions as Division - ANSWER KEY

Grade 5 | Interpreting a fraction as division and solving sharing problems | Version 1 of 10

A fraction is a division: 3 ÷ 4 = 3/4. When the top number is bigger, also write a mixed number: 7 ÷ 2 = 7/2 = 3 1/2.

Part A: Write each quotient as a fraction. Write a mixed number too if it is greater than 1.

1. 3 ÷ 5 = **3/5**
2. 7 ÷ 3 = **7/3 = 2 1/3**
3. 5 ÷ 6 = **5/6**
4. 13 ÷ 6 = **13/6 = 2 1/6**
5. 9 ÷ 7 = **9/7 = 1 2/7**
6. 19 ÷ 3 = **19/3 = 6 1/3**
7. 15 ÷ 8 = **15/8 = 1 7/8**
8. 7 ÷ 9 = **7/9**

Part B: Solve. Write the answer as a fraction or mixed number.

9. 4 friends share 1 pizza equally. How much does each get? **1/4 of a pizza**
10. 8 families share 9 pies equally. How much does each get? **1 1/8 pies**
11. 3 hikers share 11 sandwiches equally. How much does each get? **3 2/3 sandwichs**
12. 7 plants share 6 liters of water equally. How much does each get? **6/7 of a liter**